

IN THE CLAIMS:

Please amend the claims as follows:

1. (original) An optical fiber array comprising:
a plurality of through-hole array boards each made of a plate-like board having a plurality of through-holes provided at regular intervals in a direction substantially perpendicular to a board surface of said plate-like board, and a plurality of optical fibers having end portions inserted and held in said plurality of through-hole array boards, wherein:
said plurality of through-hole array boards are laminated so as to be in contact with one another; and
said plurality of through-hole array boards are positioned in such a manner that center axes of corresponding through-holes formed in said boards are relatively displaced from a coaxial position so that each optical fiber inserted in said corresponding through-holes comes into contact with inner walls of said corresponding through-holes at a plurality of points.
2. (original) An optical fiber array according to Claim 1, wherein each of said through-holes is shaped like a circle, an ellipse or an oblong in section.
3. (original) An optical fiber array according to Claim 1, wherein each of said through-holes is shaped like a polygon or a rounded-corner polygon in section.
4. (original) An optical fiber array according to Claim 1, wherein said optical fibers are perpendicular to surfaces of said plurality of through-hole array boards or inclined at a predetermined angle in a predetermined direction with respect to the surfaces of said plurality of through-hole array boards.
5. (original) An optical fiber collimator array comprising a combination of an optical fiber array defined in Claim 1 and a planar microlens array having a lens interval corresponding to an optical fiber interval of said optical fiber array.

6. (original) An optical module comprising a combination of an optical fiber collimator array defined in Claim 5 and an optically functional device array having a device interval corresponding to a collimator interval of said optical fiber collimator array.
7. (currently amended) An optical module comprising a combination of an optical fiber array defined in ~~any one of Claims 1 through 4~~ Claim 1 and an optically functional device array having a device interval corresponding to an optical fiber interval of said optical fiber array.
8. (new) An optical module comprising a combination of an optical fiber array defined in Claim 2 and an optically functional device array having a device interval corresponding to an optical fiber interval of said optical fiber array.
9. (new) An optical module comprising a combination of an optical fiber array defined in Claim 3 and an optically functional device array having a device interval corresponding to an optical fiber interval of said optical fiber array.
10. (new) An optical module comprising a combination of an optical fiber array defined in Claim 4 and an optically functional device array having a device interval corresponding to an optical fiber interval of said optical fiber array.